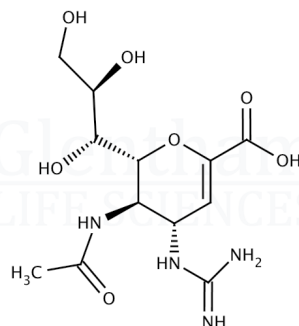


## Certificate of Analysis

Product Name	Zanamivir hydrate
Glentham Code	GC5399
CAS Number	139110-80-8
MDL Number	MFCD00866966
PubChem SID	310281815
Batch Number	450OIU

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Molecular Weight	332.31 (anhydrous)
Molecular Formula	$C_{12}H_{20}N_4O_7 \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification	Batch 450OIU
Physical Description	White to off-white crystalline powder	Conforms
Heavy Metals	≤ 20ppm	Conforms
Loss on Drying	≤ 6.0%	5.2%
Assay	≥ 98.0% (dried basis)	98.3%

Specification Version	v1.0
Manufacture Date	2018-07-12
Re-Test Date	2027-10-29

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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